

A large industrial printing machine, the Kornit Avalanche HD6, is shown in a factory setting. The machine is dark grey with a large glass-enclosed printing area. Two printing beds are visible, each with a colorful, abstract pattern printed on a dark substrate. The machine's name and logo are prominently displayed on the front panel.

 Kornit
Avalanche HD6

 Kornit
Avalanche
Platform

Industrial
printing
platform for
high volume
and quick
turnaround

 Kornit
Digital
bonding
matters

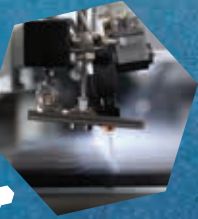


Kornit Avalanche Platform

The leading platform for direct-to-garment printers, offering high profitability with excellent print quality and low ink consumption

- **Superior printing on multiple fabric types**, including light and dark garments
- **No need for pretreatment fluids and heat press**
- **Eco-friendly process** complies with strict industry standards
- **Patented dual-bridge architecture** for maximum efficiency
- **The perfect solution for growing production demand**
- **Ink recirculation and humidity system** for print and production consistency
- **Fully automated maintenance procedures** for seamless workflow and long-term reliability

 Support agreement offering



HD Technology*

Rseries

Recirculating ink system for reduced cost per print and advanced reliability*

Technical Specifications

Printing Area	Up to 23.5 x 35 in / 60 x 90 cm
Operating System	Windows 7
Dimensions	138 X 91 X 67 in 350 X 230 X 170 cm
Max Weight	Approx. 2200 kg / 4850 lb
Power Requirements	400/208 VAC, 50/60 Hz 3 phase, 3W+N+PE
Compressed Air Pressure	6 – 8 bar (90 – 116 psi) regulated
Operating Conditions	Temperature: 18°C-30°C / 64.4°F-86°F Humidity: 45% - 65%



* Not applicable in Avalanche DC PRO and Avalanche POLY PRO

The Kornit Avalanche platform: 4 configurations to match your exact business needs

Kornit Avalanche HD6

Exceptional cost per print and print quality for medium to large printing businesses

*also available in avalanche HDK configuration

Kornit Avalanche DC PRO

The only digital discharge + white solution in the market

- Excellent hand feel
- Ideal for the fashion and clothing industries

Kornit Avalanche POLY PRO

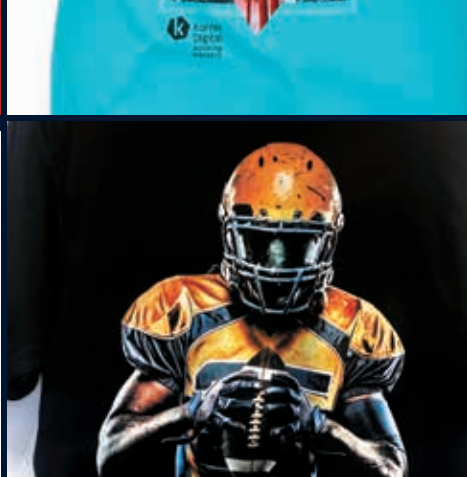
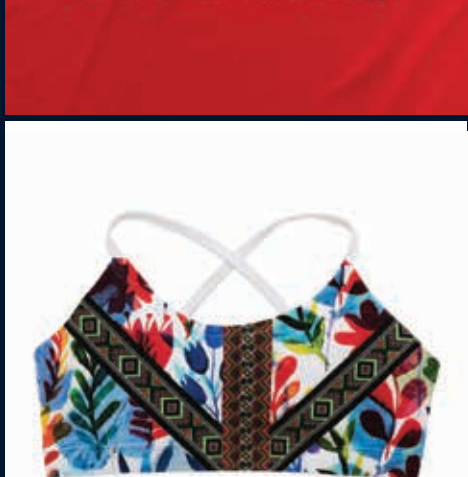
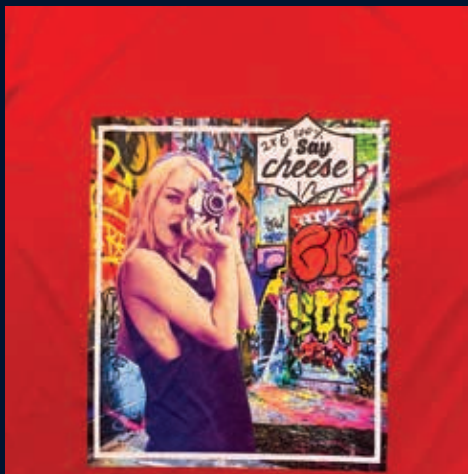
The smartest printing solution for polyester

New!

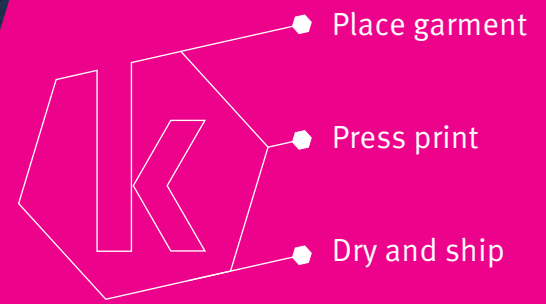
Technical Specifications

Maximum production output**	Dark garment : 130 (33X33 cm / 13X13 in) Light garment ≥ Dark +25%	Dark garment: 75 (A4)	Dark garment: 85 (A4) Light garment ≥ Dark +25%
Ink Set:	Water-based Kornit NeoPigment™ Eco-Rapid Ink	Water-based Kornit NeoPigment™ Ink	Water-based Kornit NeoPigment™ Olympia Ink
Ink Channels	6 colors CMYKRG + White	4 colors CMYK + White + Discharge	4 colors CMYK + White + Poly Enhancer
Ink Recirculation	Integrated Rseries	N/A	Integrated Rseries
Printing Substrates	Cotton, Polyester, Cotton-Polyester Blends, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool, and more	Cotton, Polyester, Cotton-Polyester Blends, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool, and more	Polyester, Polyester Blends
Printing Resolution	up to 1,200 dpi	up to 630 dpi	up to 1,200 dpi
RIP Software***	ColorGate	Quick P Designer	ColorGate
Humidity System	Embedded	Optional as an upgrade	Embedded
Customer Empowerment Service Offering	✓	N/A	✓

* Avalanche HDK configuration is available with 4 colors CMYK+White ** Measured in High Productivity print mode, prints/hour, with pretreatment included *** optional



Just press print:



Patented integrated pretreatment

- Eliminates the need for any external pretreatment process!
- Beautifully prints on multiple fabric types, garment sizes, color combinations, and applications.

One solution. Endless possibilities.

Printing System

Solutions for businesses of any size and location

Ink and Consumables

Patented NeoPigment™ eco-friendly ink set for multiple fabric types

Workflow and Software

Comprehensive web-to-print solutions for file preparation, color management, printing, and analytics

Accessories

Multi-size pallets, upgrades, and more

Global Support*

Multilingual services including support plans, upgrades, training, maintenance, and more

Applications

Beginner to advanced-level training, support, and R&D for innovative applications



Positive list
of GOTS

OEKO-TEX®
CONFIDENCE IN TEXTILES
ECO PASSPORT

For product specific certification information please contact us.

* Delivered with 6-month warranty

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bonding
matters